

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

37904-75784

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

Unknown

10/521979

INTERNATIONAL APPLICATION NO.  
PCT/EP2002/008150INTERNATIONAL FILING DATE  
22 July 2002PRIORITY DATE CLAIMED  
22 July 2002

## TITLE OF INVENTION

METHOD FOR INCREASING THE VOLUME FLOW OF A FILTRATE IN SEPARATION PROCESSES WITH FILTER CAKE FORMATION, AND DEVICE FOR CARRYING OUT SAID METHOD

## APPLICANT(S) FOR DO/EO/US

WINDHAB, Erich; FRIEDMANN, Thomas; LUSTENBERGER, Christoph


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
  3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
  4. ☒ The US has been elected (Article 31).
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
    - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ has been communicated by the International Bureau.
    - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☒ is attached hereto.
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (**Unsigned**)
  10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
  11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
  12. ☒ A copy of the International Search Report (PCT/ISA/210). (**See PCT Published Application Listed Below**)
- Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 417055905 US
23. ☒ Other items or information:

Copy of WO 2004/009213A1 Published 29 January 2004 (29.01.04) with PCT International Search Report  
Submission of Formal Drawings

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
Unknown		PCT/EP2002/008150		37904-75784	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee ..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee ..... \$500.00				\$ 500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1000.00				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	/50 =		x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	30 - 20 =	10	x \$50.00	\$ 500.00	
Independent claims	2 - 3 =	0	x \$200.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,630.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
<b>SUBTOTAL =</b>				\$ 1,630.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 1,630.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,630.00	
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>\$1,630.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-0435</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
CONARD, Richard D. BARNES & THORNBURG LLP 11 South Meridian Street Indianapolis, IN 46204 US Customer No.: 23643					
 SIGNATURE Richard D. CONARD 21 January 2005 NAME 27321 REGISTRATION NUMBER					

## IN THE UNITED STATES PATENT OFFICE

<i>Earliest Priority Date:</i>	22 July 2002 (22.07.02)	}
		}
<i>International Serial No.:</i>	PCT/EP2002/008150	}
		}
<i>U.S. Serial No.:</i>	Unknown	}
		}
<i>Invention:</i>	METHOD FOR INCREASING THE VOLUME FLOW OF A FILTRATE IN SEPARATION PROCESSES WITH FILTER CAKE FORMATION, AND DEVICE FOR CARRYING OUT SAID METHOD	}
		}
<i>Applicant:</i>	WINDHAB, Erich; FRIEDMANN, Thomas; LUSTENBERGER, Christoph	}
		}
<i>International Filing Date:</i>	22 July 2002 (22.07.02)	}
		}
<i>Attorney Docket:</i>	37904-75784	}
		}

**CERTIFICATE UNDER 37 C.F.R. § 1.10**

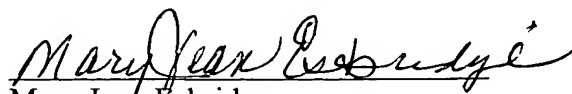
MAIL STOP PCT  
Attention: DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

Express Mail" Mailing Label No.: EV417055905US

Date of Deposit: 21 January 2005 (21.01.05)

I hereby certify that this paper or fee is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450.

  
Mary Jean Eskridge

OT15 PCT/PTO 21 JAN 2005

11 South Meridian Street  
Indianapolis, Indiana 46204  
(317) 236-1313  
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## IN THE UNITED STATES PATENT OFFICE

*Earliest Priority Date:* 22 July 2002 (22.07.02)

*International Serial No.:* PCT/EP2002/008150

*U.S. Serial No.:* Unknown

*Invention:* METHOD FOR INCREASING THE VOLUME FLOW OF A FILTRATE IN SEPARATION PROCESSES WITH FILTER CAKE FORMATION, AND DEVICE FOR CARRYING OUT SAID METHOD

*Applicant:* WINDHAB, Erich; FRIEDMANN, Thomas; LUSTENBERGER, Christoph

*International Filing Date:* 22 July 2002 (22.07.02)

*Attorney Docket:* 37904-75784

Certificate Under 37 CFR 1.10

Express Mail No.: EV417055905US

Date of Mailing: 21 JANUARY 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Mary Jean Eskridge*  
(Signature)

Mary Jean Eskridge  
(Typed or Printed Name of Person Mailing Paper or Fee)

## SUBMISSION OF FORMAL DRAWINGS

MAIL STOP PCT  
Attention: DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

Attached are four (4) sheets of formal drawings for the above-identified national application. These formal drawings, which replace any other drawings previously filed with this application, are the drawings that should be examined and printed with the issued patent.

Respectfully submitted,

*Richard D. Conard*

Richard D. CONARD  
Atty. Reg. No. 27321  
Attorney for Applicants

RDC/mje/693570v1  
Indianapolis, Indiana  
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Attachments: Four Sheets of Drawings